Technical Infrastructure:
Overview

Technical Infrastructure refers to the system components (computers, networks, servers, databases, etc.) that provide connectivity and support the applications.

This section presents assessment results regarding the City's technical infrastructure as follows:

- ◆ Findings
- ◆ Architecture Diagram

Technical Infrastructure:
Findings

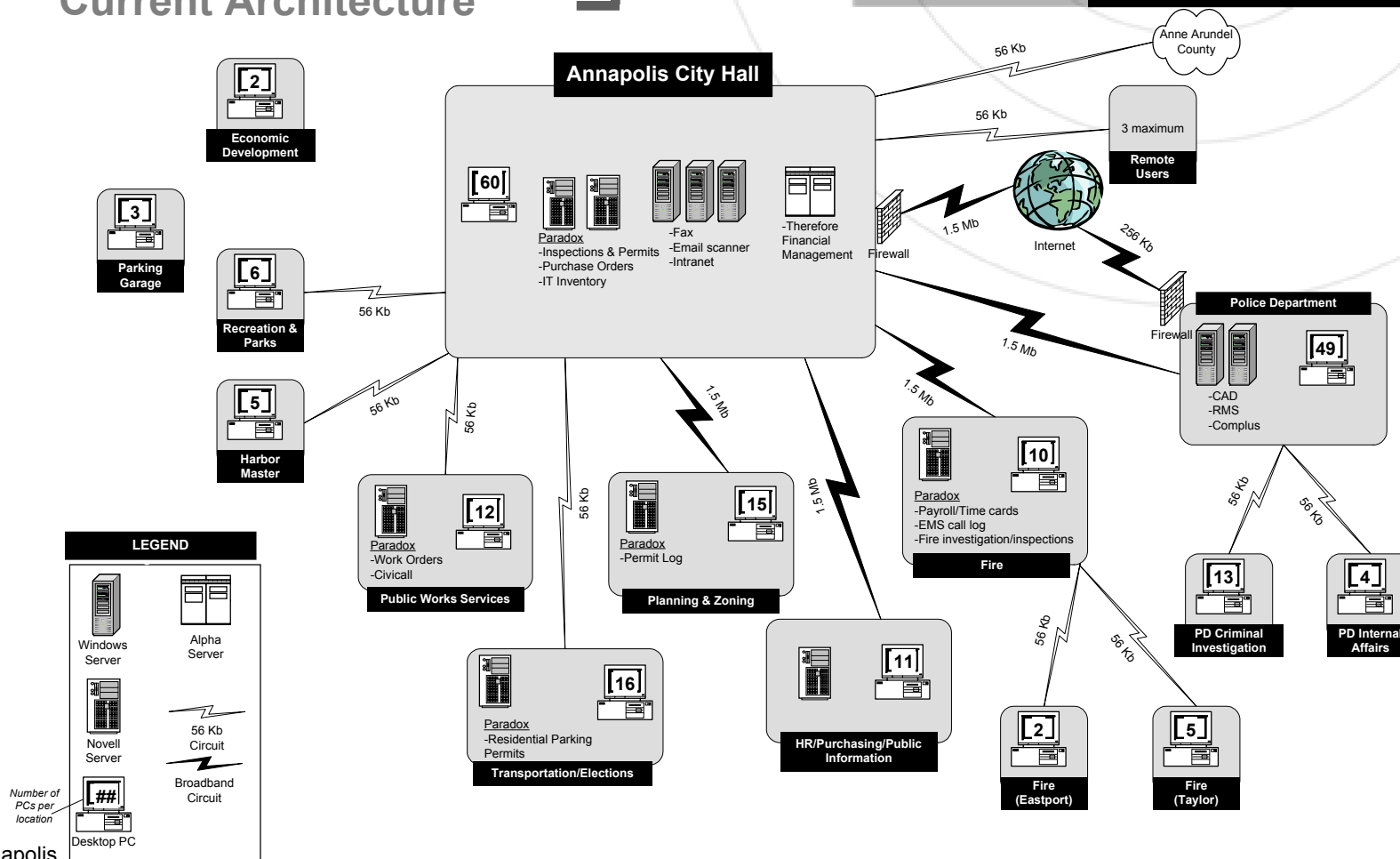**This section summarizes PTI's technical infrastructure findings.**

◆ **There is limited bandwidth to remote locations which:**
  - Requires remotely located file and print services
  - Prevents the deployment of applications with high bandwidth requirements

◆ **The Open VMS operating system (OS) required by the City's current financial management system is near the end of its lifespan:**
  - VMS is not a strategic platform for Compaq, the current owner of the OS
  - The marketplace is not developing applications for this OS

◆ **The City's telephone switches are not connected between sites, resulting in:**
  - Lack of integrated voicemail
  - Inability to pool phone lines, increasing telecommunications costs
  - Difficulty in transferring calls between locations

◆ **Some areas have a limited number of PCs (e.g., Fire Stations, Public Works, EMS), requiring users to share workstations**

The following page presents the current Annapolis technical infrastructure.

Technical Infrastructure:
Current Architecture

Anne Arundel County

56 Kb

Annapolis City Hall

56 Kb

3 maximum

2
Economic Development

Remote Users

60

Paradox
-Inspections & Permits
-Purchase Orders
-IT Inventory

-Fax
-Email scanner
-Intranet

-Therefore
Financial
Management

Firewall

1.5 Mb

Internet

256 Kb

3
Parking Garage

6
Recreation & Parks

56 Kb

Firewall

Police Department

1.5 Mb

49

-CAD
-RMS
-Complus

5
Harbor Master

56 Kb

56 Kb

1.5 Mb

56 Kb

56 Kb

LEGEND

12

15

10

Fire

13
PD Criminal Investigation

4
PD Internal Affairs

Paradox
-Work Orders
-Civicall

Public Works Services

Paradox
-Permit Log

Planning & Zoning

Paradox
-Payroll/Time cards
-EMS call log
-Fire investigation/inspections

Windows Server

Alpha Server

Novell Server

56 Kb Circuit

16

11

56 Kb

56 Kb

##

Broadband Circuit

Number of PCs per location

Desktop PC

Paradox
-Residential Parking
Permits

Transportation/Elections

HR/Purchasing/Public Information

2
Fire (Eastport)

5
Fire (Taylor)